

Extron Systems 8/10 (RS-232 protocol)

Requirements

- Router Control software option
- Serial Interface Cable (DB9 to DB9)

Port Connections

	Switcher		Router
Communications	REMOTE Port (female)	⇒	RS-232 Com Port (female)
Video	Input BNC	⇒	Output BNC

Cable Connectors

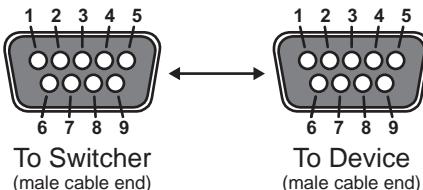


Figure 1 DB9 to DB9 Cable

Pinouts

Switcher	System 8/10
2 (Tx)	2 (Rx)
3 (Rx)	3 (Tx)
5 Ground	5 Ground

Switcher Setup

To Set Up Communications

- Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **Com Setup** ⇒ **Type**.
 - Use the **Com Port** knob to select the **REMOTE X** port that you connected the System 8/10 to.
 - Use the **Device** knob to select **Router**.
- Press **Select Device**.
 - Use the **Device** knob to select **Extron**.
- Press **Com Type**.
 - Use the **Type** knob to select **RS-232 (RS-232 NULL)** on the **Synergy 1**).
- Press **Com Settings**.

- Use the **Baud** knob to select **9600**.
- Use the **Parity** knob to select **NONE**.

- Press **HOME** ⇒ **Confirm**.

To Set Up Video Inputs

- Press **HOME** ⇒ **Setup** ⇒ **Installation** ⇒ **BNC** ⇒ **BNC Type**.

- Use the **BNC** knob to select the input BNC that the Video output of the System 8/10 is connected to.
- Use the **Type** knob to select **Router**.
- Use the **Video Format** knob to select the video format of the video output of the System 8/10.

- Press **More** ⇒ **Router Setup**.

- Use the **Router** knob to select the port that the System 8/10 is connected to.
- Use the **BNC Dest** knob to select the output BNC on the System 8/10 that is fed into the switcher.

- Press **Router Options**.

- Use the **Level** knob to select the level, or breakaway, that is switched on the System 8/10 when a new input is selected.
- Use the **Show Mnemonic** knob to either show (**Yes**), or hide (**No**) the mnemonic names from the router source. When set to No, the switcher uses the default mnemonic name assigned to the video source from the switcher.

- Press **HOME** ⇒ **Confirm**.

Device Setup

- The switcher controls the System 8/10 using its breakaway function. The breakaway number corresponds to the selected level set in the switcher menus. The switcher supports levels 1-4.
- When assigning a specific output from the System 8/10 to a BNC input on the switcher, you must select Output 001 from the switcher menu.

Compatibility

Router	Version
Extron System 8/10	--
Switchers	
Synergy 1 SD	--
Synergy Series SD	18.0
Synergy MD/X	8.2
Vision MD/X	12.9



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Switchers	
Vision QMD/X	12.9
Vision MultiPanel Support	--
Automation	
OverDrive	10.0
Port Expanders	
BSS4	✓
Comtrol DeviceMaster	✓

Important: You must list all source, or destination, numbers, in order, without skipping any entries. If you do not want to assign a name to a source or destination leave the second column blank.

Device_ID,Device_Mnemonics
1,CG1-Vide
2,CG1-Alph
3,SMS1-Vid
4,SMS1-Alp

Transferring the Router Names Files to the Switcher

The WebDAV protocol is used to transfer files to the switcher from a computer. This section provides information on establishing a WebDAV connection to the switcher from a computer running Windows XP®, Windows 7®, Mac OS® X 10.5, or Linux Fedora 8® operating systems. For information on establishing a connection from a computer running a different operating system, refer to the documentation that came with your computer, or contact Ross Video Technical Support.

Important: The input and output router names csv files must be put into the base stills directory.

WebDAV for Microsoft Windows XP Operating System

1. Click **My Network Places** on the Start Menu to display the **My Network Places** window.
2. Click **Add** a network place under **Network Tasks**.
3. Select **Choose another network location** in the **Add Network Place Wizard** and click **Next**.
4. Enter http://switcher_ip/stills/# in the Internet or network address field, and click **Next**. The default IP address of the frame is 192.168.1.1.
5. Enter the user name and password and click **OK** to connect to the frame. The default User name is user and Password is password.
6. Enter a new name for the stills directory on the frame is required, and click **Next**.
7. Click **Finish**. The stills folder opens in a new window.

WebDAV for Microsoft Windows 7 Operating System

1. Click **Computer** on the Start Menu.
2. Right-click on the open area on the right side of the window.
3. Click **Add a network location**.
4. Select **Choose a custom network location** in the **Add Network Location Wizard** and click **Next**.

5. Enter `http://switcher_ip/stills/` in the Internet or network address field, and click **Next**. The default IP address of the frame is 192.168.1.1.
6. Enter the user name and password and click **OK** to connect to the frame. The default User name is user and Password is password.
7. Enter a new name for the stills directory on the frame is required, and click **Next**.
8. Click **Finish**. The stills folder opens in a new window.

WebDAV for Apple Mac OS X

1. Click **Go > Connect to Server...** on the **Finder Menu** to display the **Connect to Server** window.
2. Enter `http://switcher_ip/stills/` in the Server Address field, and click **Connect**. The default IP address of the frame is 192.168.1.1.
3. Enter the name and password and click **OK** to connect to the frame. The default Name is user and Password is password. The stills folder appears under SHARED in the Finder.

WebDAV for Linux Fedora 8

1. Click **Places > Connect to Server** on the Menu Bar Panel to display **Connect to Server** window.
2. On the Connect to Server window, select the following:
 - **Service Type:** WebDAV (HTTP)
 - **Server:** (The default IP address of the frame is 192.168.1.1)
 - **Port:** leave blank
 - **Folder:** `/stills`
 - **Username:** (the default user name for the frame is user)
 - **Name to use for connection:** (a descriptive name for the connection, for example Switcher Stills)
3. Click **Connect**.
4. Enter the password and click **OK** to connect to the frame. The default password is password. The stills folder appears under the Places menu.

To Apply Router Names Files to a Router

1. Press **HOME** \Rightarrow **Setup** \Rightarrow **Installation** \Rightarrow **Com Setup** \Rightarrow **Type**.
2. Use the **Com Port** knob to select the router that you want to apply a names file to.
3. Press **More** \Rightarrow **Read in Router Data**. The input and output names files are installed.
4. Press **HOME** \Rightarrow **Confirm**.



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